

Message Text

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ORIGIN ERDA-07

INFO OCT-01 EUR-12 EA-07 IO-13 ISO-00 PM-04 FEA-01 ACDA-07

CIAE-00 INR-07 L-03 NSAE-00 NSC-05 EB-07 NRC-05

OES-06 DODE-00 SS-15 SSO-00 NSCE-00 INRE-00 /100 R

DRAFTED BY ERDA:RROSENTHAL

APPROVED BY ACDA/NTB:TDDAVIES

PM/NPO:JMC GUINNESS

OES:M PROCHNIK

ACDA/NTB:R WILLIAMSON

----- 113021

O R 070053Z MAY 76

FM SECSTATE WASHDC

TO AMEMBASSY OTTAWA IMMEDIATE

INFO AMEMBASSY BERLIN

AMEMBASSY BONN

AMEMBASSY BRUSSELS

AMEMBASSY THE HAGUE

AMEMBASSY LONDON

AMEMBASSY MOSCOW

AMEMBASSY PARIS

AMEMBASSY PRAGUE

AMEMBASSY ROME

AMEMBASSY STOCKHOLM

AMEMBASSY TOKYO

USMISSION IAEA VIENNA

C O N F I D E N T I A L STATE 110222

E.O. 11652:GDS

TAGS:PARM, TECH, CA

SUBJECT: HEAVY WATER ACCOUNTING AND CANADIAN PLANT VISIT

1. PLANS HAVE BEEN MADE DIRECTLY WITH MEMBERS OF THE AECB
(MCMANUS, MANION AND HOTTKINSON) FOR VISIT BY GROUP FROM
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US TO DISCUSS POTENTIAL FEASIBILITY OF ACCOUNTING FOR

OUTPUT OF EXPORTED HEAVY WATER PLANTS.

2. AS EMBASSY IS AWARE, THIS QUESTION IS OF INTEREST BECAUSE THE NUCLEAR SUPPLIERS ADDED HEAVY WATER PRODUCTION FACILITIES TO LIST OF ITEMS THAT WOULD TRIGGER SAFEGUARDS UPON EXPORT. PRIMARY INTENT OF THESE SAFEGUARDS IS TO COVER SNM PRODUCED IN REACTORS WHICH UTILIZE OUTPUT OF HEAVY WATER PLANTS. HOWEVER, THIS RAISES QUESTION OF WHETHER IN ADDITION, SOME PROCEDURE WOULD BE DEVELOPED TO ACCOUNT FOR HEAVY WATER PLANT OUTPUT ITSELF IN ORDER TO ASSURE THAT PRODUCED HEAVY WATER FROM A TRANSFERRED FACILITY IS NOT BEING SURREPTITIOUSLY USED IN A REACTOR.

3. WHILE U.S. HAS NO FIRM VIEWS ON THIS MATTER, WE ARE GIVING CONSIDERATION TO SUCH PROCEDURES AS COMMITMENTS TO PLACE ALL EXPOSED HEAVY WATER AND ALL NEW REACTORS UNDER SAFEGUARDS AS A CONDITION OF HEAVY WATER PLANT SALE, AND/OR TECHNICAL MEANS OF ACCOUNTING FOR THE OUTPUT OF THE HEAVY

WATER PLANTS IN A MANNER SOMEWHAT ANALOGOUS TO THAT USED FOR SNM, (EXCEPT THAT QUANTITIES OF INTEREST ARE OF THE ORDER OF TONS OF MATERIAL).

4. THE SPECIFIC PURPOSE OF THIS MEETING IS TO EXPLORE THE TECHNICAL AND OPERATIONAL ASPECTS OF ACCOUNTING FOR HEAVY WATER PLANT OUTPUT. U.S. PARTICIPANTS WILL NOT BE PUTTING FORWARD ANY FORMAL PROPOSALS AT THIS TIME. PLANS CALL FOR A VISIT TO BRUCE ON MAY 10 AND A MEETING IN TORONTO ON MAY 11.

5. THOSE PLANNING TO ATTEND ON U.S. SIDE INCLUDE ROBERT ROSENTHAL, ERDA, RICHARD WILLIAMSON, ACDA, DAVID JENKINS, OES, AND ONE ADDITIONAL MAN, PROBABLY FROM SAVANNAH RIVER. ALL U.S. PARTICIPANTS WILL HAVE ERDA "Q" CLEARANCES.

6. NO RESERVATION ASSISTANCE IS NEEDED. THE U.S. GROUP PLANS TO MEET THE CANADIAN TEAM ON THEIR ARRIVAL AT THE TORONTO AIRPORT FROM OTTAWA AT 8:00 A.M. ON MAY 10.

7. EMBASSY IS REQUESTED TO CONFIRM GROUP'S PLANS TO ANY
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OF ABOVE-NAMED AECB STAFF, AND INFORM THEM THAT ARRANGEMENTS ARE BEING COORDINATED BY R. ROSENTHAL, ERDA, PHONE 301-353-4581. SISCO

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SCIENTIFIC VISITS, SURVEYS, NUCLEAR POWER PLANTS, HEAVY WATER, PRODUCTION DATA
Control Number: n/a
Copy: SINGLE
Draft Date: 07 MAY 1976
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: ShawDG
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1976STATE110222
Document Source: CORE
Document Unique ID: 00
Drafter: RROSENTHAL
Enclosure: n/a
Executive Order: GS
Errors: N/A
Film Number: D760175-1013
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1976/newtext/t19760579/aaaacppx.tel
Line Count: 110
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN ERDA
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: ShawDG
Review Comment: n/a
Review Content Flags:
Review Date: 25 MAR 2004
Review Event:
Review Exemptions: n/a
Review History: RELEASED <25 MAR 2004 by SmithRJ>; APPROVED <28 JUL 2004 by ShawDG>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
04 MAY 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: HEAVY WATER ACCOUNTING AND CANADIAN PLANT VISIT
TAGS: PARM, TECH, CA, US, ERDA, AECB
To: OTTAWA
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006